



Docket No.: A0312.70515US00
(PATENT)

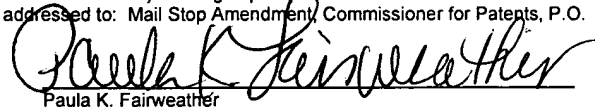
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: John Hayden
Serial No.: 10/786,249
Confirmation No.: 2715
Filed: February 25, 2004
For: DMA CONTROLLER FOR DIGITAL SIGNAL PROCESSORS
Examiner: J. S. Vidwan
Art Unit: 2182

Certificate of Mailing Under 37 CFR 1.8(a)

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: October 26, 2006


Paula K. Fairweather

RESPONSE TO REQUIREMENT FOR ELECTION OF SPECIES

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This responds to the Requirement for Election of Species mailed August 29, 2006 in the above-identified application. The Examiner asserts that the application contains claims directed to the following patentably distinct species:

- A. Species 1, claims 1-8, directed to address computation units and memory pipelines for supplying memory addresses to access buses.
- B. Species 2, claims 9-14, directed to a register file and a peripheral prioritizer.
- C. Species 3, claims 15-19, directed to a prioritizer configured to arbitrate among requests.

D. Species 4, Claim 20, directed to a control circuit for controlling data transfer.

E. Species 5, Claims 21-23, directed to a prioritizer configured to give preference to consecutive transfers.

F. Species 6, Claim 24, directed to arbitrating requests and giving preference to DMA requests.

In response, Applicant hereby elects Species 1, claims 1-8, for prosecution in the present application. At least claims 1-8 read on the elected species.

By this election, the application is ready for examination on the merits. If there are questions regarding this response, please contact Applicant's undersigned attorney.

Dated: October 26, 2006
X10/29/2006

Respectfully submitted,

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